

INFORMATION DISCLOSURE CITATION

PTO-1449


 ATTY. DOCKET NO.
A-67493-3/DJB/RMS/DCF

 SERIAL NO.
09/606,369

 APPLICANT
CHEE et al.

 FILING DATE
June 28, 2000

 GROUP
1655

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
WHS	1	4,822,746	4/1989	Walt	—	—	
	2	5,002,867	3/1991	Macevitz	—	—	
	3	5,114,864	5/1992	Walt	—	—	
	4	5,105,305	4/1992	Betzig et al.	—	—	
	5	5,143,853	9/1992	Walt	—	—	
	6	5,028,545	7/1991	Soini	—	—	
	7	5,244,636	9/1993	Walt et al.	—	—	
	8	5,244,813	9/1993	Walt et al.	—	—	
	9	5,250,264	10/1993	Walt et al.	—	—	
	10	5,252,494	10/1993	Walt	—	—	
	11	5,254,477	10/1993	Walt	—	—	
	12	5,298,741	3/1994	Walt et al.	—	—	
	13	5,320,814	6/1994	Walt et al.	—	—	
	14	5,496,997	3/1996	Pope	—	—	
	15	5,512,490	4/1996	Walt et al.	—	—	
	16	5,573,909	11/1996	Singer et al.	—	—	
	17	5,633,972	5/1997	Walt et al.	—	—	
	18	4,499,052	2/1985	Fulwyler	—	—	
	19	5,690,894	11/1997	Pinkel et al.	—	—	
✓	20	5,194,300	3/1993	Cheung	—	—	
WHS	21	5,132,242	7/1992	Cheung	—	—	

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WHS	22	4,200,110	4/1980	Peterson et al.	—	—	
	23	4,824,789	4/1989	Yafuso et al.	—	—	
	24	4,682,895	7/1987	Costello	—	—	
	25	4,785,814	11/1988	Kane	—	—	
	26	5,518,883	5/1996	Soini	—	—	
	27	4,999,306	3/1991	Yafuso et al.	—	—	
	28	5,302,509	4/1994	Cheeseman	—	—	
	29	5,357,590	10/1994	Auracher	—	—	
	30	5,435,724	7/1995	Goodman et al.	—	—	
	31	5,481,629	1/1996	Tabuchi	—	—	
	32	5,575,849	11/1996	Honda et al.	—	—	
	33	5,639,603	6/1997	Dower et al.	—	—	
	34	5,656,241	8/1997	Seifert et al.	—	—	
	35	5,814,524	10/1998	Walt	—	—	
	36	5,863,708	1/1999	Zanzucchi et al.	—	—	
	37	6,023,540	2/2000	Walt et al.	—	—	
	38	5,874,219	2/1999	Rava et al.	—	—	
WHS	39	5,545,531	8/1996	Rava et al.	—	—	
WHS	40	5,837,196	11/1998	Pinkel et al.	—	—	

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WAB	41	5,494,798	2/1996	Gerdt et al.	—	—	
	42	5,565,324	10/1996	Still et al.	—	—	
	43	5,516,635	5/1996	Ekins et al.	—	—	
	44	5,900,481	5/1999	Lough et al.	—	—	
	45	5,888,723	3/1999	Sutton et al.	—	—	
	46	5,380,489	1/1995	Sutton et al.	—	—	
	47	5,840,256	11/1998	Demers et al.	—	—	
WAB	48	5,854,684	12/1998	Stabile et al.	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
WAB	49	0 478 319	4/1992	EP	—	—		
	50	0 269 764	6/1988	EP	—	—		
	51	93/02360	2/1993	PCT	—	—		
	52	89/11101	11/1989	PCT	—	—		
	53	97/14028	4/1997	PCT	—	—		
	54	0 723 146	7/1996	EP	—	—		
	55	98/40726	9/1998	PCT	—	—		
	56	0 392 546	10/1990	EP	—	—		
	57	98/53093	11/1998	PCT	—	—		
	58	97/40385	10/1997	PCT	—	—		
	59	98/53300	11/1998	PCT	—	—		
	60	96/03212	2/1996	PCT	—	—		
WAB	61	99/60170	11/1999	PCT	—	—		

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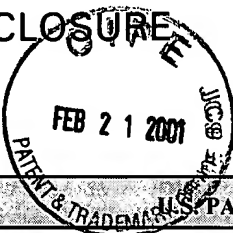
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WHS	62	97/14928	4/1997	PCT	—	—		
	63	98/50782	11/1998	PCT	—	—		
	64	99/18434	4/1999	PCT	—	—		
	65	00/13004	3/2000	PCT	—	—		
	66	00/16101	3/2000	PCT	—	—		
	67	98/29736	7/1998	PCT	—	—		
	68	99/05320	02/1999	PCT	—	—		
	69	00/04372	1/2000	PCT	—	—		
WHS	70	99/67414	12/1999	PCT	—	—		

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WHS	71	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).
	72	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).
	73	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc. 2388:568-573 (1995).
	74	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).
	75	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-1248 (April 1998).
	76	Michael et al., "Fabrication of Micro- and Nanostructures Using Optical Imaging Fibers and there Use as Chemical Sensors," Proc. 3rd Intl. Symp., Microstructures and Microfabricated Systems, ed. P.J. Hesketh, et al., v. 97-5, Electrochem. Soc., 152-157 (Aug. 1997).
	77	Pantano et al., "Ordered Nanowell Arrays," Chem. Mater., 8(12): 2832-2835 (1996).
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	79	Illumina Inc. "Emerging," Windhover's In Vivo, The Business and Medicine Report, pg. 1-2 (September 1998).
WHS	80	Slides presented by Illumina at Cambridge Healthtech Institute's Implications of Human Genetic Variation - SNP's, Polymorphisms, Diseases & Treatment. November 18-19, 1998, Waltham, Massachusetts.

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81	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bangs Laboratories, (Fishers, IN) February 1997.
82	Anonymous, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, IN) September 1998.
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99	Czarnik, "Illuminating the SNP genomic code," Modern Drug Discovery, 1(2):49-55 (1998)
100	Walt, "Fiber Optic Imaging Sensors", Acc. Chem. Res. 31(5):267-278 (1998)
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